

# WisDOT 2005 Wisconsin Local Roads

Metadata also available as

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### *Identification\_Information:*

#### *Citation:*

##### *Citation\_Information:*

*Originator:* Wisconsin Department of Transportation (WisDOT)

*Publication\_Date:* 2005

*Title:* WisDOT 2005 Wisconsin Local Roads

*Geospatial\_Data\_Presentation\_Form:* vector digital data

*Online\_Linkage:* [<http://www.dot.wisconsin.gov/localgov/wislr/>](http://www.dot.wisconsin.gov/localgov/wislr/)

### *Description:*

#### *Abstract:*

This representation of Wisconsin Local Roads is derived from a version of the WISLR database received from the Wisconsin Department of Transportation (WisDOT) in June, 2005.

#### *Purpose:*

The information contained in this data set and information produced from this dataset was created for the official use of WisDOT.

#### *Supplemental\_Information:*

The WISLR database includes only lines representing roads for which WisDOT has maintenance responsibility; other roads commonly expected to be present in a representation of local roads (e.g., State Street and Observatory Drive in Madison) are NOT present, and would need to be added to a future version of the WISLR database.

Some of the data contained in this data set has not been finalized and should be considered "preliminary or pre-production". Some items WISLR is in the process of verifying/ correcting: certified roadway routes names, possible missing roads and some road alignment issues. While the overlay layer does contain a mileage value that has been proportionally derived from the certified mileage, it does NOT represent the certified mileage for a section of highway.

Only one roadway route name is stored per feature in the overlay layer (this is the route name that WisDOT considers the "primary" route name for which certified mileage is tied to, it does not necessarily represent the route name that is physically signed out in the field). The route and route links tables must be used to retrieve all of the route names traveling over a link.

The physical and administrative attribute data contained in the WISLR database was converted from the Local Road IMS System. The Local Road System stored attribute values in sections or segments. Thus, attribute values represent the average or predominant value; they do not necessarily cover the entire length of the section and it may not be representative at any given point.

It should also be noted that many local governments have not yet evaluated the correctness of this database. The data in this data set has been compiled from multiple sources (see finalsource.jpg). The scale varies depending on the source that was used for each road or municipality. The Overlay layer has been created by "overlaying / dynamically segmenting" all data items in the database. Features (arcs) are broken whenever any data item in the database changes.

*Time\_Period\_of\_Content:*

*Time\_Period\_Information:*

*Single\_Date/Time:*

*Calendar\_Date:* 2005

*Currentness\_Reference:* publication date

*Status:*

*Progress:* Complete

*Maintenance\_and\_Update\_Frequency:* As needed

*Spatial\_Domain:*

*Bounding\_Coordinates:*

*West\_Bounding\_Coordinate:* -92.944567

*East\_Bounding\_Coordinate:* -86.751985

*North\_Bounding\_Coordinate:* 46.949567

*South\_Bounding\_Coordinate:* 42.458778

*Keywords:*

*Theme:*

*Theme\_Keyword\_Thesaurus:* None

*Theme\_Keyword:* roads

*Theme\_Keyword:* streets

*Theme\_Keyword:* WISLR

*Place:*

*Place\_Keyword:* Wisconsin

*Access\_Constraints:* None.

*Use\_Constraints:*

The information contained in this data set and information produced from this dataset was created for the official use of WisDOT. Any other use, while not prohibited, is the sole responsibility of the user. WisDOT expressly disclaims all liability regarding fitness of use of the information for other than official WisDOT business.

*Point\_of\_Contact:*

*Contact\_Information:*

*Contact\_Organization\_Primary:*

*Contact\_Organization:* Wisconsin Department of Transportation

*Native\_Data\_Set\_Environment:*

Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 1; ESRI ArcCatalog 9.1.0.722

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*Data\_Quality\_Information:*

*Lineage:*

*Source\_Information:*

*Source\_Citation:*

*Citation\_Information:*

*Originator:* Wisconsin Department of Transportation (WisDOT)

*Publication\_Date:* June, 2005

*Title:* Wisconsin Information System for Local Roads (WISLR)

*Online\_Linkage:* [<http://www.dot.wisconsin.gov/localgov/wislr/>](http://www.dot.wisconsin.gov/localgov/wislr/)

*Source\_Scale\_Denominator:* various

*Type\_of\_Source\_Media:* various

*Process\_Step:*

*Process\_Description:*

The Wisconsin Department of Natural Resources (DNR) received a CD containing Wisconsin Information System for Local Roads (WISLR) data from the Wisconsin Department of Transportation (WisDOT) in June, 2005. The WISLR data was provided in ESRI Personal Geodatabase format, and named "Wislr2005-2006". The data was geo-referenced to WTM83/91. Only features with a status typecode of "C" ("Current") were included in the data.

*Process\_Date:* 2005

*Process\_Contact:*

*Contact\_Information:*

*Contact\_Organization\_Primary:*

*Contact\_Organization:* Wisconsin Department of  
Transportation

*Contact\_Position:* GIS Analyst

*Contact\_Electronic\_Mail\_Address:* christy.abing@dot.state.wi.us

*Process\_Step:*

*Process\_Description:*

Wisconsin DNR staff performed minor modifications to the "WISLR\_OVERLAY\_2005" feature class of the WISLR data, intended to make the data more suitable for large-scale mapping at the DNR:

1. Coincident arcs representing the opposite side of roadways were removed. 2. Arcs representing private roads were removed. 3. Various items specific to WisDOT's internal business needs were removed. 4. The data was exported to ESRI shapefile format. 5. Item names were modified to accommodate the 10-character limit of dBase item names, or to be more descriptive.

DNR staff prepared metadata to accompany the modified version of the WISLR State Primary Route Overlay Line feature class, called "WisDOT 2005 Wisconsin Local Roads".

*Process\_Date:* 2006

*Process\_Contact:*

*Contact\_Information:*

*Contact\_Organization\_Primary:*

*Contact\_Organization:* Wisconsin DNR, Bureau of  
Technology Services

*Contact\_Position:* GIS Data Specialist

*Contact\_Address:*

*Address\_Type:* mailing address

*Address:* P.O. Box 7921

*City:* Madison

*State\_or\_Province:* WI

*Postal\_Code:* 53707-7921

*Country:* USA

*Contact\_Electronic\_Mail\_Address:* geodata@dnr.state.wi.us

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*Spatial\_Data\_Organization\_Information:*

*Direct\_Spatial\_Reference\_Method:* Vector

*Point\_and\_Vector\_Object\_Information:*

*SDTS\_Terms\_Description:*

*SDTS\_Point\_and\_Vector\_Object\_Type:* String

*Point\_and\_Vector\_Object\_Count:* 463844

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*Spatial\_Reference\_Information:*

*Horizontal\_Coordinate\_System\_Definition:*

*Planar:*

*Map\_Projection:*

*Map\_Projection\_Name:* Transverse Mercator

*Transverse\_Mercator:*

*Scale\_Factor\_at\_Central\_Meridian:* 0.999600

*Longitude\_of\_Central\_Meridian:* -90.000000

*Latitude\_of\_Projection\_Origin:* 0.000000

*False\_Easting:* 520000.000000

*False\_Northing:* -4480000.000000

*Planar\_Coordinate\_Information:*

*Planar\_Coordinate-Encoding\_Method:* coordinate pair

*Coordinate\_Representation:*

*Abscissa\_Resolution:* 0.001024

*Ordinate\_Resolution:* 0.001024

*Planar\_Distance\_Units:* meters

*Geodetic\_Model:*

*Horizontal\_Datum\_Name:* D\_North\_American\_1983\_HARN

*Ellipsoid\_Name:* Geodetic Reference System 80

*Semi-major\_Axis:* 6378137.000000

*Denominator\_of\_Flattening\_Ratio:* 298.257222

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*Entity\_and\_Attribute\_Information:*

*Detailed\_Description:*

*Entity\_Type:*

*Entity\_Type\_Label:* rdwlarc

*Attribute:*

*Attribute\_Label:* FID

*Attribute\_Definition:* Internal feature number.

*Attribute\_Definition\_Source:* ESRI

*Attribute\_Domain\_Values:*

*Unrepresentable\_Domain:*

Sequential unique whole numbers that are automatically generated.

*Attribute:*

*Attribute\_Label:* Shape

*Attribute\_Definition:* Feature geometry.

*Attribute\_Definition\_Source:* ESRI

*Attribute\_Domain\_Values:*

*Unrepresentable\_Domain:* Coordinates defining the features.

*Attribute:*

*Attribute\_Label:* RDWY\_NAM

*Attribute\_Definition:*

The primary route name that certified mileage has been tied to. This field is for cartographic labeling only. Corresponds to original WISLR item "ST\_LBL\_NM".

*Attribute\_Definition\_Source:* WisDOT

*Attribute:*

*Attribute\_Label:* RDWY\_CAT

*Attribute\_Definition:*

A numeric code indicating jurisdiction type. Corresponds to original WISLR item "RDWY\_CTGY\_TY".

*Attribute\_Definition\_Source:* WisDOT

*Attribute\_Domain\_Values:*

*Enumerated\_Domain:*

*Enumerated\_Domain\_Value:* 4

*Enumerated\_Domain\_Value\_Definition:* County Trunk Highway

*Enumerated\_Domain\_Value\_Definition\_Source:* WisDOT

*Enumerated\_Domain:*

*Enumerated\_Domain\_Value:* 5

*Enumerated\_Domain\_Value\_Definition:* Municipal Road

*Enumerated\_Domain\_Value\_Definition\_Source:* WisDOT

*Enumerated\_Domain:*

*Enumerated\_Domain\_Value:* 7

*Enumerated\_Domain\_Value\_Definition:* County Forest Road

*Enumerated\_Domain\_Value\_Definition\_Source:* WisDOT

*Enumerated\_Domain:*

*Enumerated\_Domain\_Value:* 8

*Enumerated\_Domain\_Value\_Definition:* Other County Road

*Enumerated\_Domain\_Value\_Definition\_Source:* WisDOT

*Enumerated\_Domain:*

*Enumerated\_Domain\_Value:* 10

*Enumerated\_Domain\_Value\_Definition:* Interstate Road

*Enumerated\_Domain\_Value\_Definition\_Source:* WisDOT

*Enumerated\_Domain:*

*Enumerated\_Domain\_Value:* 20

*Enumerated\_Domain\_Value\_Definition:* US Highway

*Enumerated\_Domain\_Value\_Definition\_Source:* WisDOT

*Enumerated\_Domain:*

*Enumerated\_Domain\_Value:* 30

*Enumerated\_Domain\_Value\_Definition:* State Trunk Highway

*Enumerated\_Domain\_Value\_Definition\_Source:* WisDOT

*Enumerated\_Domain:*

*Enumerated\_Domain\_Value:* 40

*Enumerated\_Domain\_Value\_Definition:* On/Off Ramp

*Enumerated\_Domain\_Value\_Definition\_Source:* WisDOT

*Enumerated\_Domain:*

*Enumerated\_Domain\_Value:* 41

*Enumerated\_Domain\_Value\_Definition:* Connector

*Enumerated\_Domain\_Value\_Definition\_Source:* WisDOT

*Enumerated\_Domain:*

*Enumerated\_Domain\_Value:* 42

*Enumerated\_Domain\_Value\_Definition:* Frontage Road

*Enumerated\_Domain\_Value\_Definition\_Source:* WisDOT

*Enumerated\_Domain:*

*Enumerated\_Domain\_Value:* 43

*Enumerated\_Domain\_Value\_Definition:* Wayside

*Enumerated\_Domain\_Value\_Definition\_Source:* WisDOT

*Enumerated\_Domain:*

*Enumerated\_Domain\_Value:* 44

*Enumerated\_Domain\_Value\_Definition:* Rest Area

*Enumerated\_Domain\_Value\_Definition\_Source:* WisDOT

*Enumerated\_Domain:*

*Enumerated\_Domain\_Value:* 45

*Enumerated\_Domain\_Value\_Definition:* Weigh Station

*Enumerated\_Domain\_Value\_Definition\_Source:* WisDOT

*Enumerated\_Domain:*

*Enumerated\_Domain\_Value:* 99

*Enumerated\_Domain\_Value\_Definition:* Statistical Road

*Enumerated\_Domain\_Value\_Definition\_Source:* WisDOT

*Attribute:*

*Attribute\_Label:* PRIMRY\_SYS

*Attribute\_Definition:*

Defines the cartographic symbol that should be used to display the state label name (Cth, Sth, Ush, Ih, blank). Corresponds to original WISLR item "ST\_PRMY\_SYMB\_TY".

*Attribute\_Definition\_Source:* WisDOT

*Attribute:*

*Attribute\_Label:* SHAPE\_Leng

*Overview\_Description:*

*Distribution\_Information:*

*Distributor:*

*Contact\_Information:*

*Contact\_Organization\_Primary:*

*Contact\_Organization:* Wisconsin Department of Transportation

*Contact\_Position:* GIS Analyst

*Contact\_Electronic\_Mail\_Address:* christy.abing@dot.state.wi.us

*Resource\_Description:* Offline data

*Distribution\_Liability:*

The information contained in this data set was created for the official use of the Wisconsin Department of Transportation (WisDOT). Any other use while not prohibited, is the sole responsibility of the user. WisDOT expressly disclaims all liability regarding fitness of use of the information for other than official WisDOT business.

*Standard\_Order\_Process:*

*Digital\_Form:*

*Digital\_Transfer\_Information:*

*Transfer\_Size:* 89.739

*Ordering\_Instructions:*

Contact the Wisconsin Department of Transportation directly for data access information.

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*Distribution\_Information:*

*Distributor:*

*Contact\_Information:*

*Contact\_Organization\_Primary:*

*Contact\_Organization:* Wisconsin DNR, Bureau of Technology Services

*Contact\_Position:* GIS Data Specialist

*Contact\_Address:*

*Address\_Type:* mailing address

*Address:* P.O. Box 7921

*City:* Madison

*State\_or\_Province:* WI

*Postal\_Code:* 53707-7921

*Country:* USA

*Contact\_Voice\_Telephone:* 608.264.8914

*Contact\_Facsimile\_Telephone:* 608.266.0870

*Contact\_Electronic\_Mail\_Address:* geodata@dnr.state.wi.us

*Resource\_Description:* Online data

*Distribution\_Liability:*



Refer to <<http://www.dnr.state.wi.us/org/legal/WebSiteLegalInformation.html>>

*Standard\_Order\_Process:*

*Digital\_Form:*

*Digital\_Transfer\_Information:*

*Transfer\_Size:* 89.739

*Digital\_Transfer\_Option:*

*Online\_Option:*

*Computer\_Contact\_Information:*

*Network\_Address:*

*Network\_Resource\_Name:*

[<ftp://gomapout.dnr.state.wi.us/geodata/transportation/WisDOT\\_local\\_roads.zip>](ftp://gomapout.dnr.state.wi.us/geodata/transportation/WisDOT_local_roads.zip)

*Access\_Instructions:* Download from DNR ftp site.

*Ordering\_Instructions:* Download from DNR ftp site.

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*Metadata\_Reference\_Information:*

*Metadata\_Date:* 20060706

*Metadata\_Contact:*

*Contact\_Information:*

*Contact\_Organization\_Primary:*

*Contact\_Organization:* Wisconsin DNR, Bureau of Technology Services

*Contact\_Position:* GIS Data Specialist

*Contact\_Address:*

*Address\_Type:* mailing address

*Address:* P.O. Box 7921

*City:* Madison

*State\_or\_Province:* WI

*Postal\_Code:* 53707-7921

*Country:* USA

*Contact\_Electronic\_Mail\_Address:* geodata@dnr.state.wi.us

*Metadata\_Standard\_Name:* FGDC Content Standards for Digital Geospatial Metadata

*Metadata\_Standard\_Version:* FGDC-STD-001-1998

*Metadata\_Time\_Convention:* local time

*Metadata\_Extensions:*

*Online\_Linkage:* <<http://www.esri.com/metadata/esriprof80.html>>

*Profile\_Name:* ESRI Metadata Profile

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